

Notice of Allowability

Application No.

10/812,165

Examiner

Gregory J. Strimbu

Applicant(s)

KAWANOBE ET AL.

Art Unit

3634

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment of 1/20/06 and the tele. int. of 2/21/06.
2. ☒ The allowed claim(s) is/are 37-40, 42, 43.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☒ Certified copies of the priority documents have been received in Application No. 09/051,053.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 2/21/06.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

EXAMINER'S AMENDMENT

An extension of time under 37 CFR 1.136(a) is required in order to make an examiner's amendment which places this application in condition for allowance. During a telephone conversation conducted on February 21, 2006, Martin J. Cosenza requested an extension of time for 2 MONTH(S) and authorized the Director to charge Deposit Account No. 09-0741 the required fee of \$120.00 for this extension and authorized the following examiner's amendment. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In the abstract:

line 10, inserted a period following "position"

In the specification:

in the new paragraph inserted following the first paragraph on page 6 submitted in the amendment of January 20, 2006,

line 11, deleted ", the sampling regions corresponding to discrete regions"

In the claims:

canceled claims 30-36 and 41

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claim 37,

line 3, changed "vehicle body" to --body of the vehicle--

line 10, inserted --in-- following "door"

line 11, deleted "corresponding" and deleted "to"

line 12, deleted ", the"

line 13, deleted "sampling region . . . discrete regions"

line 16, changed "of the present door position" to --at a present position of the door--

line 17, changed "of" to --for--

line 18, changed "this newly detected" to --said new-- and changed "and for" to --by--

line 19, changed "newly detected" to --new-- and changed "of" to --for--

line 22, changed the first occurrence of "the" to --a-- and inserted --the sampling region corresponding to-- following "of"

line 23, deleted "by a predetermined region"

line 24, deleted "forecasted . . . direction"

claim 38,

line 2, inserted --the-- following "wherein"

claim 39,

line 2, inserted --the-- following "wherein"

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changed line 3 to --values for each of said sampling regions correspond to average motor current values--

line 4, deleted "corresponding to the door"

line 5, deleted "position"

claim 40,

line 2, inserted --the-- following "wherein"

line 3, changed "change rates of current value" to --a rate of change of motor current values--

changed line 4 to --detected in each said sampling region.--

claim 42,

changed line 3 to --means judges whether the pinch exists based on an increase in a rate of change in motor current load in addition to the deviation--

line 4, deleted "result" and changed "forecasted" to --forecast--

line 5, deleted "when the pinch . . . the pinch exists"

claim 43,

changed line 3 to --region motor load values stored in the memory means are based on a rate of change of an average motor current value--

line 4, inserted --said-- following "each" and deleted "arranged along the movement direction"

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gregory J. Strimbu whose telephone number is 571-272-6836. The examiner can normally be reached on Monday through Friday 8:00 to 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Chilcot can be reached on 571-272-6777. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read "Gregory J. Strimbu", with a long horizontal flourish extending to the right.

Gregory J. Strimbu
Primary Examiner
Art Unit 3634
February 21, 2006